

Ex-2



PubMed	Nucleotide	Protein	Genome	Structure	PMC	Taxonomy	OMIM	B
Search	PubMed	for					Go	Clear
Limits		Preview/Index		History		Clipboard		Details

Display	MEDLINE	Show: 20	Sort	Send to	Text
---------	---------	----------	------	---------	------

1: Emi M. et al. Cloning, characterization and...[PMID:3011602]

[Related Articles, Links](#)

UI - 86221712
PMID- 3011602
DA - 19860627
DCOM- 19860627
LR - 20001218
IS - 0378-1119
VI - 41
IP - 2-3
DP - 1986
TI - Cloning, characterization and nucleotide sequences of two cDNAs encoding human pancreatic trypsinogens.
PG - 305-10
AB - Two cDNA clones encoding two major human trypsinogen isozymes were isolated from a human pancreatic cDNA library. The deduced amino acid (aa) sequences of the two trypsinogen precursors are found to have 89% sequence homology, and have the same number of aa (247), including 15 aa for a signal peptide and 8 aa for an activation peptide. Southern blot analysis of human genomic DNA using the cloned cDNA as a probe, revealed that the human trypsinogen genes constitute a multigene family of more than ten genes.
FAU - Emi, M
AU - Emi M
FAU - Nakamura, Y
AU - Nakamura Y
FAU - Ogawa, M
AU - Ogawa M
FAU - Yamamoto, T
AU - Yamamoto T
FAU - Nishide, T
AU - Nishide T
FAU - Mori, T
AU - Mori T
FAU - Matsubara, K
AU - Matsubara K
LA - eng
SI - GENBANK/M22612
PT - Journal Article
CY - NETHERLANDS
TA - Gene
JID - 7706761
RN - 0 (Isoenzymes)
RN - 9002-08-8 (Trypsinogen)
RN - 9007-49-2 (DNA)
RN - EC 3.1.21 (DNA Restriction Enzymes)
SB - IM
MH - Amino Acid Sequence
MH - Base Sequence
MH - *Cloning, Molecular
MH - DNA/*isolation & purification

MH - DNA Restriction Enzymes
MH - Human
MH - Isoenzymes/*genetics
MH - Nucleic Acid Hybridization
MH - Pancreas/*enzymology
MH - Trypsinogen/*genetics
EDAT- 1986/01/01
MHDA- 1986/01/01 00:01
PST - ppublish
SO - Gene 1986;41(2-3):305-10.

Display	MEDLINE	<input checked="" type="checkbox"/>	Show: 20	<input type="checkbox"/>	Sort	<input type="checkbox"/>	Send to	Text	<input type="checkbox"/>
---------	---------	-------------------------------------	----------	--------------------------	------	--------------------------	---------	------	--------------------------

[Write to the Help Desk](#)
[NCBI](#) | [NLM](#) | [NIH](#)
[Department of Health & Human Services](#)
[Freedom of Information Act](#) | [Disclaimer](#)

Feb 19 2003 10:35:47